

APPLICATION SERVER FOR SELF-DOCUMENTING  
VOICE ENABLED WEB APPLICATIONS DEFINED USING  
EXTENSIBLE MARKUP LANGUAGE DOCUMENTS

ABSTRACT OF THE DISCLOSURE

A unified web-based voice messaging system provides voice application control between a web browser and an application server via an hypertext transport protocol (HTTP) connection on an Internet Protocol (IP) network. The application server, configured for executing a voice application defined by XML documents, also is configured for describing the voice application by collecting, for each of the XML documents, attributes describing execution of the XML documents in an application runtime environment, and generating for storage on a tangible medium an output file that describes the voice application based on at least a portion of the collected attributes selected by a user. Hence, the voice applications defined by XML documents can be considered as self-documenting, and the act of writing the applications using XML documents generates the necessary information for creating and formatting documentation in accordance with the attributes (i.e., context) provided by the application runtime environment.